

MARCO ESPOSITO

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ABOUT MY VISION



I consider myself a research-minded person especially in the context of the human brain and behavior, but also in a broader sense as many aspects of our changing world catch my interest. I have always liked the process behind scientific innovation, and I am continuously fascinated by the emergence of disruptive technologies applied to the clinical and neuroscientific sector. My current research interests focus on the neuromodulation approaches for the study of neural plasticity phenomena at large. I am also interested in the relationship between spontaneous brain activity, such as arousal fluctuations, and high-order cognition. Among my top priorities it is the ability to work closely with enriching people with whom I can share enthusiastically my hard-gained achievements. To do so, I will strive to maintain a forward-thinking attitude whilst working on well-established ideas as well as exploring new ones.

EDUCATION

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| 09.2017–10.2019 | CIMeC - University of Trento, Italy
MSc - Cognitive Neuroscience , 110/110 <i>with honor</i> |
| 09.2012–10.2015 | Università Degli Studi Di Roma Tor Vergata
BSc - Speech and Language Pathology , 110/110 <i>with honor</i> |
| 09.2006–07.2011 | Liceo Scientifico Giuseppe Peano (Monterotondo, RM, Italy)
Diploma of Completed Secondary Education: 87/100 |

RESEARCH EXPERIENCE

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|-----------------|--|
| 12.2019–present | Neurophysiology Lab (IRCSS S. Giovanni di Dio Fatebenefratelli, Brescia, Italy)
Research Assistant (Paid position) |
| 09.2019–11.2019 | Experimental Neuropsychophysiology Lab (IRCSS S. Lucia, Rome, Italy)
Research Intern (Extra-curricular internship) <ul style="list-style-type: none">◇ In charge of scheduling and running TMS-EEG experimental sessions◇ Preprocessing and analyses of EEG data from various research projects. |
| 10.2018–07.2019 | Neurophysiology Lab (IRCSS S. Giovanni di Dio Fatebenefratelli, Brescia, Italy)
Research Intern (Curricular internship) <ul style="list-style-type: none">◇ Acquisition of know-how in working with physiological data (EEG, EOG, EMG, Eye-tracker)◇ Experimental sessions with multimodal techniques (TMS-EEG, tDCS-EEG)◇ Involved in a research project from the ground up |
| 10.2017–02.2018 | CPP-Group Lab (CIMeC - University of Trento, Italy)
Research Intern (Voluntary) <ul style="list-style-type: none">◇ Preparation of an on-line experiment (gorilla.sc) for early-blind people◇ Introduced to working with R |
| 12.2016–06.2017 | LaRC (Language Research Centre - University of Dundee, UK)
Research Intern (Voluntary) <ul style="list-style-type: none">◇ Tested participants in language comprehension tasks with use of eye-tracking◇ Preparation of visual stimuli and screen layout with Gimp |

NON-RESEARCH EXPERIENCE

- 03.2016–08.2016 181 Delicatessen, Edinburgh
Barista and sales assistant
- ◇ Preparing food; Running the café; Attending customers
- 06.2015–09.2015 IRCSS S. Lucia, Rome
SLT assistant (Internship)
- ◇ Performed screening and assessment of acquired language disorders after brain injury
 - ◇ Application of examination tests and assessment batteries
 - ◇ Cognitive and behavioral therapy of patients with minimal conscious state
- 06.2013–08.2013 PTV Policlinico Tor Vergata, Rome
SLT assistant (Internship)
- ◇ Assessment and rehabilitation of speech and swallowing disorders following laryngectomy or neurological diseases
 - ◇ Improved social communication skills in a clinical environment (bed-side examination and normal therapy session)

KEY SKILLS

- Research & IT Skilled at data collection using both qualitative and quantitative methods
MATLAB (Psychtoolbox, EEGLab) - Intermediate user
Brain Vision Analyzer
Good use of *E-Prime* and *OpenSesame*
Good use of *Gorilla.sc* (building experiments online)
Competent at using *Gimp*, *Adobe Photoshop* or *Audacity* (for creating stimuli)
Working knowledge of *Word*, *Excel* and *PowerPoint*.
- Languages English (C1), French (B1), Italian (native)
- Driving Full, clean licence owner

EXTRA COURSES CERTIFICATES

- April 2016 University of Houston (Coursera.org) – *The Bilingual Brain*
- September 2015 Emory University (Coursera.org) – *The Addicted Brain*
- November 2019 Mike X Cohen (Udemy.com) – *Solved challenges in neural time series analysis*

MAIN CONFERENCES ATTENDED

- December 2018 CIMeC – *Transcranial Brain Stimulation in Cognitive Neuroscience workshop*
- May 2018 CIMeC – *Workshop on Concepts, Actions and Objects*
- October 2017 CIMeC – *Ten years of Mind/Brain Sciences at the University of Trento*
- October 2014 ISS International Conference - *Non-Invasive Tools for Early Detection of Autism Spectrum Disorders*
- October 2013 IRCSS Santa Lucia - *Il Disturbo Di Linguaggio: Modelli Neuropsicologici E Quadri Clinici In Età Evolutiva*

REFERENCES

References and exams transcript are available upon request